

KY COVID-19 Report

29JAN22

Daily Summary

Measure	Total	Confirmed	Probable
Cases	1,149,913	804,527	345,386
Deaths	12,921	11,321	1,600
New Cases	9,144	6,028	3,116
New Cases 18 and Under	2,315	1,323	992
Total New Deaths	31	25	6

Duplicates and records not meeting case criteria removed since last report: 118

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
91,910	8.0%	0-9	0.0%	2
160,181	13.9%	10-19	0.1%	9
199,240	17.3%	20-29	0.4%	56
183,153	15.9%	30-39	1.4%	176
165,833	14.4%	40-49	3.9%	504
149,144	13.0%	50-59	9.9%	1,282
107,752	9.4%	60-69	20.2%	2,612
60,142	5.2%	70-79	27.0%	3,490
32,309	2.8%	80+	37.1%	4,790
249	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
4,004	0.4%	American Indian	0.1%	16
9,196	1.0%	Asian	0.4%	54
76,439	8.0%	Black	7.0%	865
406	0.0%	Pacific Islander	0.1%	8
815,614	85.6%	White	89.6%	11,078
47,400	5.0%	Multiracial	2.8%	340

Cases	Case Percent	Ethnicity	Death Percent	Deaths
41,159	4.6%	Hispanic	1.5%	186
854,650	95.4%	Non-Hispanic	98.5%	11,867

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 82.9% of cases and 95.7% of deaths
Ethnicity known for 77.9% of cases and 93.3% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
54,723	185,924	29.43%

Positivity rate is calculated using electronically submitted PCRs from the past seven days.

Testing Type Summary

Total Tests	Total PCR Tests	Total Serology Tests	Total Antigen Tests	Total Positive Tests	Total PCR Positive	Total Serology Positive	Total Antigen Positive
12,691,710	9,086,342	410,579	2,889,497	1,388,892	954,117	56,178	378,597

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	36,944	3.21%
Ever ICU	6,952	0.60%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	2,462
ICU	448
On Ventilator	239

Current Overall Capacity*

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	7,685	5,479	58.4%
ICU Beds	1,230	214	85.2%
Ventilators	668	1,241	35.0%

* Due to recent changes in HHS/CMS hospital reporting requirements, some totals reported are artificially low beginning on January 19. We are currently working to reprogram our system to provide correct numbers. Percentages reported should still be representative of overall rates.

Current Regional Statistics*

Region	COVID-19 Inpatient	COVID-19 ICU	COVID-19 on Ventilator	Inpatient Capacity Used for COVID-19	ICU Capacity Used for COVID-19	Ventilator Capacity Used for COVID-19	Inpatient Capacity in Use	ICU Capacity in Use	Ventilator Capacity in Use
Region 1	163	37	20	21.0%	43.5%	22.2%	57.29%	85.88%	43.33%
Region 2	156	30	13	20.0%	38.5%	15.1%	62.69%	89.74%	33.72%
Region 3	771	134	75	20.6%	33.7%	16.7%	61.37%	86.18%	40.44%
Region 4	135	24	13	16.2%	27.0%	10.4%	56.59%	96.63%	20.80%
Region 5	460	97	53	16.0%	27.2%	9.4%	58.54%	87.08%	40.81%
Region 6	254	29	19	21.3%	38.7%	15.3%	60.25%	98.67%	41.94%
Region 7	122	17	8	18.9%	20.7%	6.2%	60.78%	40.24%	10.85%
Region 8	195	39	21	16.4%	29.8%	12.3%	52.18%	87.79%	23.98%
Region 9	149	24	13	23.0%	25.0%	13.1%	52.16%	80.21%	35.35%
Region 10	57	17	4	11.8%	31.5%	5.8%	48.03%	90.74%	27.54%

* Due to recent changes in HHS/CMS hospital reporting requirements, some totals reported are artificially low beginning on January 19. We are currently working to reprogram our system to provide correct numbers. Percentages reported should still be representative of overall rates.

Data is derived from the most recent report from facilities as of 12am. COVID-19 census numbers include both confirmed and suspected patients. Red shading indicates regions with current inpatient, ICU, or ventilator capacity in use 80% or higher.

Region 1:

Ballard, Caldwell, Calloway, Carlisle, Crittenden, Fulton, Graves, Hickman, Livingston, Lyon, Marshall, McCracken, Trigg

Region 3:

Breckinridge, Bullitt, Grayson, Hardin, Henry, Jefferson, LaRue, Marion, Meade, Nelson, Oldham, Shelby, Spencer, Trimble, Washington

Region 5:

Anderson, Bourbon, Boyle, Clark, Estill, Fayette, Franklin, Garrard, Harrison, Jessamine, Lincoln, Madison, Mercer, Nicholas, Powell, Scott, Woodford

Region 7:

Bath, Boyd, Carter, Elliott, Fleming, Greenup, Lewis, Mason, Menifee, Montgomery, Morgan, Robertson, Rowan

Region 9:

Bell, Clay, Harlan, Jackson, Knox, Laurel, Rockcastle, Whitley

Region 2:

Christian, Daviess, Hancock, Henderson, Hopkins, McLean, Muhlenberg, Ohio, Todd, Union, Webster

Region 4:

Allen, Barren, Butler, Edmonson, Hart, Logan, Metcalfe, Monroe, Simpson, Warren

Region 6:

Boone, Bracken, Campbell, Carroll, Gallatin, Grant, Kenton, Owen, Pendleton

Region 8:

Breathitt, Floyd, Johnson, Knott, Lawrence, Lee, Leslie, Letcher, Magoffin, Martin, Owsley, Perry, Pike, Wolfe

Region 10:

Adair, Casey, Clinton, Cumberland, Green, McCreary, Pulaski, Russell, Taylor, Wayne

Total Cases by County

County	Cases	Percent
Jefferson	199,056	17.3%
Fayette	85,054	7.4%
Warren	39,194	3.4%
Kenton	38,478	3.3%
Boone	33,985	3.0%
Hardin	29,522	2.6%
Daviess	28,421	2.5%
Madison	24,535	2.1%
Campbell	20,844	1.8%
Bullitt	19,545	1.7%
Oldham	16,602	1.4%
McCracken	16,516	1.4%
Laurel	16,101	1.4%
Pike	15,174	1.3%
Boyd	14,098	1.2%
Pulaski	14,021	1.2%
Scott	13,942	1.2%
Christian	13,701	1.2%
Jessamine	13,688	1.2%
Nelson	13,149	1.1%
Hopkins	12,992	1.1%
Henderson	12,415	1.1%
Whitley	12,137	1.1%
Shelby	11,917	1.0%
Franklin	11,718	1.0%
Barren	11,389	1.0%
Greenup	10,509	0.9%
Graves	10,382	0.9%
Floyd	10,031	0.9%
Knox	9,833	0.9%

County	Cases	Percent
Muhlenberg	9,084	0.8%
Clark	8,581	0.7%
Perry	8,395	0.7%
Harlan	7,840	0.7%
Bell	7,739	0.7%
Taylor	7,626	0.7%
Marshall	7,606	0.7%
Logan	7,386	0.6%
Calloway	7,383	0.6%
Boyle	7,373	0.6%
Carter	7,201	0.6%
Grayson	6,985	0.6%
Ohio	6,623	0.6%
Clay	6,581	0.6%
Mercer	6,500	0.6%
Grant	6,203	0.5%
Woodford	6,025	0.5%
Allen	5,888	0.5%
Montgomery	5,841	0.5%
Marion	5,815	0.5%
Rowan	5,653	0.5%
Letcher	5,609	0.5%
Lincoln	5,537	0.5%
Harrison	5,519	0.5%
Anderson	5,518	0.5%
Russell	5,372	0.5%
Meade	5,231	0.5%
Johnson	5,185	0.5%
Bourbon	5,181	0.5%
Simpson	5,161	0.4%

County	Cases	Percent
Spencer	4,840	0.4%
Adair	4,771	0.4%
Hart	4,736	0.4%
Breckinridge	4,579	0.4%
McCreary	4,446	0.4%
Henry	4,372	0.4%
Wayne	4,310	0.4%
Rockcastle	4,258	0.4%
Garrard	4,186	0.4%
Mason	4,131	0.4%
Powell	4,079	0.4%
Morgan	3,947	0.3%
Lewis	3,924	0.3%
Union	3,920	0.3%
Lawrence	3,823	0.3%
Jackson	3,676	0.3%
Webster	3,525	0.3%
Caldwell	3,487	0.3%
Casey	3,442	0.3%
Washington	3,429	0.3%
Larue	3,338	0.3%
Monroe	3,317	0.3%
Knott	3,282	0.3%
Magoffin	3,250	0.3%
Estill	3,230	0.3%
Carroll	3,227	0.3%
Pendleton	3,211	0.3%
Fleming	3,196	0.3%
Butler	3,143	0.3%
Green	3,101	0.3%

County	Cases	Percent
Trigg	3,089	0.3%
Clinton	3,022	0.3%
Leslie	2,979	0.3%
Breathitt	2,907	0.3%
Martin	2,708	0.2%
Todd	2,692	0.2%
Metcalfe	2,555	0.2%
Lyon	2,522	0.2%
Bath	2,411	0.2%
McLean	2,377	0.2%
Hancock	2,233	0.2%
Edmonson	2,226	0.2%
Lee	2,219	0.2%
Owen	2,200	0.2%
Gallatin	2,052	0.2%
Livingston	2,018	0.2%
Trimble	1,979	0.2%
Bracken	1,948	0.2%
Cumberland	1,893	0.2%
Wolfe	1,888	0.2%
Crittenden	1,806	0.2%
Elliott	1,747	0.2%
Nicholas	1,694	0.1%
Owsley	1,276	0.1%
Menifee	1,242	0.1%
Ballard	1,152	0.1%
Fulton	1,088	0.1%
Carlisle	909	0.1%
Hickman	752	0.1%
Robertson	556	0.0%

Total Cases
1,149,913

New Cases by County

County	Cases	Percent
Jefferson	1,298	14.2%
Fayette	841	9.2%
Hardin	297	3.2%
Daviess	261	2.9%
Madison	194	2.1%
Warren	181	2.0%
Kenton	170	1.9%
Jessamine	148	1.6%
Boone	145	1.6%
Bullitt	143	1.6%
Floyd	138	1.5%
McCracken	136	1.5%
Scott	133	1.5%
Clark	130	1.4%
Nelson	127	1.4%
Muhlenberg	120	1.3%
Campbell	119	1.3%
Shelby	114	1.2%
Henderson	111	1.2%
Boyd	110	1.2%
Laurel	109	1.2%
Harlan	107	1.2%
Pike	104	1.1%
Christian	100	1.1%
Franklin	100	1.1%
Graves	95	1.0%
Bell	94	1.0%
Hopkins	93	1.0%
Knox	91	1.0%
Perry	89	1.0%

County	Cases	Percent
Whitley	89	1.0%
Meade	88	1.0%
Mercer	86	0.9%
Ohio	83	0.9%
Calloway	82	0.9%
Marshall	81	0.9%
Barren	78	0.9%
Grayson	77	0.8%
Oldham	71	0.8%
Carter	69	0.8%
Marion	68	0.7%
Bourbon	67	0.7%
Pulaski	67	0.7%
Letcher	66	0.7%
Johnson	59	0.6%
Allen	58	0.6%
Greenup	57	0.6%
Boyle	55	0.6%
Logan	54	0.6%
Woodford	53	0.6%
Trigg	52	0.6%
Clay	51	0.6%
Rowan	51	0.6%
Harrison	46	0.5%
Knott	46	0.5%
Leslie	46	0.5%
Garrard	42	0.5%
Lincoln	42	0.5%
Simpson	42	0.5%
Caldwell	41	0.4%

County	Cases	Percent
Montgomery	41	0.4%
Taylor	40	0.4%
Larue	39	0.4%
Lawrence	38	0.4%
Powell	38	0.4%
Anderson	37	0.4%
Carroll	35	0.4%
Hart	35	0.4%
Mason	35	0.4%
Washington	35	0.4%
Adair	33	0.4%
Fleming	33	0.4%
Magoffin	33	0.4%
Wayne	33	0.4%
Breckinridge	31	0.3%
Owsley	30	0.3%
Union	30	0.3%
Webster	30	0.3%
Grant	28	0.3%
Monroe	28	0.3%
Casey	27	0.3%
Henry	27	0.3%
Jackson	27	0.3%
Todd	27	0.3%
Breathitt	26	0.3%
Bath	25	0.3%
McLean	25	0.3%
Gallatin	24	0.3%
Hancock	24	0.3%
Lyon	24	0.3%

County	Cases	Percent
Pendleton	24	0.3%
Russell	24	0.3%
Butler	23	0.3%
Estill	22	0.2%
Elliott	21	0.2%
Edmonson	20	0.2%
Green	20	0.2%
Spencer	20	0.2%
Clinton	19	0.2%
Metcalfe	18	0.2%
Rockcastle	18	0.2%
Lewis	17	0.2%
Livingston	17	0.2%
Wolfe	17	0.2%
Cumberland	16	0.2%
McCreary	16	0.2%
Martin	16	0.2%
Morgan	16	0.2%
Lee	15	0.2%
Nicholas	15	0.2%
Owen	13	0.1%
Ballard	12	0.1%
Trimble	9	0.1%
Crittenden	8	0.1%
Bracken	7	0.1%
Fulton	7	0.1%
Hickman	4	0.0%
Carlisle	3	0.0%
Menifee	3	0.0%
Robertson	1	0.0%

Total New Cases
9,144

Total Deaths by County

County	Deaths	Percent
Jefferson	1,933	15.0%
Fayette	507	3.9%
Hardin	378	2.9%
Daviess	340	2.6%
Kenton	333	2.6%
Warren	319	2.5%
Boone	243	1.9%
Pulaski	241	1.9%
Pike	235	1.8%
Hopkins	227	1.8%
Madison	223	1.7%
McCracken	206	1.6%
Barren	192	1.5%
Laurel	189	1.5%
Christian	183	1.4%
Bullitt	174	1.3%
Harlan	169	1.3%
Floyd	151	1.2%
Whitley	147	1.1%
Boyd	146	1.1%
Graves	144	1.1%
Henderson	140	1.1%
Perry	138	1.1%
Campbell	136	1.1%
Shelby	136	1.1%
Nelson	125	1.0%
Bell	123	1.0%
Franklin	122	0.9%
Oldham	121	0.9%
Boyle	120	0.9%

County	Deaths	Percent
Jessamine	120	0.9%
Grayson	115	0.9%
Greenup	114	0.9%
Knox	113	0.9%
Lincoln	113	0.9%
Muhlenberg	108	0.8%
Logan	105	0.8%
Taylor	105	0.8%
Adair	95	0.7%
Mercer	95	0.7%
Carter	91	0.7%
Marshall	91	0.7%
Ohio	91	0.7%
Mason	90	0.7%
Allen	88	0.7%
Letcher	87	0.7%
Hart	86	0.7%
Johnson	85	0.7%
Montgomery	85	0.7%
Scott	82	0.6%
Simpson	78	0.6%
Wayne	78	0.6%
Calloway	73	0.6%
Russell	73	0.6%
Lewis	72	0.6%
Clay	71	0.5%
McCreary	69	0.5%
Monroe	69	0.5%
Marion	67	0.5%
Casey	65	0.5%

County	Deaths	Percent
Garrard	64	0.5%
Jackson	61	0.5%
Larue	61	0.5%
Anderson	59	0.5%
Breckinridge	58	0.4%
Harrison	58	0.4%
Meade	58	0.4%
Caldwell	56	0.4%
Metcalfe	54	0.4%
Washington	54	0.4%
Lawrence	53	0.4%
Knott	52	0.4%
Union	52	0.4%
Livingston	51	0.4%
Rockcastle	51	0.4%
Clark	50	0.4%
Rowan	50	0.4%
Breathitt	49	0.4%
Butler	49	0.4%
Spencer	48	0.4%
Bourbon	46	0.4%
Webster	46	0.4%
Gallatin	45	0.3%
Grant	45	0.3%
Fleming	44	0.3%
Lee	44	0.3%
McLean	44	0.3%
Martin	44	0.3%
Henry	42	0.3%
Clinton	41	0.3%

County	Deaths	Percent
Estill	40	0.3%
Woodford	40	0.3%
Carroll	39	0.3%
Crittenden	39	0.3%
Leslie	39	0.3%
Todd	39	0.3%
Magoffin	37	0.3%
Edmonson	36	0.3%
Green	36	0.3%
Bath	35	0.3%
Trigg	35	0.3%
Trimble	34	0.3%
Pendleton	33	0.3%
Powell	32	0.2%
Lyon	31	0.2%
Owen	30	0.2%
Menifee	29	0.2%
Nicholas	29	0.2%
Ballard	26	0.2%
Bracken	23	0.2%
Cumberland	23	0.2%
Fulton	23	0.2%
Owsley	23	0.2%
Hickman	22	0.2%
Robertson	20	0.2%
Hancock	19	0.1%
Morgan	17	0.1%
Wolfe	17	0.1%
Carlisle	16	0.1%
Elliott	15	0.1%

Total Deaths
12,921

Incidence Rates by County

Average daily new cases per 100,000 population based on previous seven days

County	Rate
McCracken	390.2
Hopkins	374.4
Muhlenberg	356.0
Clay	331.6
Hardin	317.4
Whitley	315.9
Mercer	309.4
Daviess	306.1
Powell	299.4
Harrison	297.3
Grayson	293.5
Leslie	292.2
Nelson	286.1
Caldwell	285.8
Allen	283.5
Knox	283.5
Marion	282.4
Marshall	279.3
Boyd	270.6
Carter	266.6
Lewis	264.7
Spencer	263.6
Wolfe	263.5
Simpson	263.1
Owsley	262.1
Webster	260.5
Bourbon	258.5
Larue	256.0
Monroe	254.9
Breathitt	254.5

County	Rate
Lyon	254.0
Henry	253.4
Elliott	252.8
Harlan	252.7
Henderson	249.9
Scott	248.9
Ohio	247.7
Woodford	247.4
Jessamine	246.0
Meade	244.0
Shelby	243.6
Greenup	241.8
Hancock	240.8
McLean	238.9
Logan	237.7
Graves	236.5
Madison	236.0
Mason	235.2
Letcher	234.6
Bell	233.8
Jackson	233.6
Boyle	231.9
Russell	231.1
Breckinridge	226.7
Perry	225.7
Clark	224.9
Floyd	224.8
Washington	219.7
Union	219.5
Oldham	217.5

County	Rate
Jefferson	216.6
Fayette	214.2
Johnson	213.1
Carroll	212.3
Warren	212.3
Rowan	210.8
Lee	208.4
Magoffin	206.7
Bullitt	205.9
Garrard	203.8
Robertson	203.3
Anderson	200.3
Cumberland	198.7
Martin	197.8
Pendleton	197.8
Knott	195.9
Gallatin	194.9
Franklin	192.5
Clinton	191.5
Fleming	190.1
Livingston	184.9
Lawrence	184.7
Green	182.8
Pike	179.9
Barren	178.5
Bracken	175.5
Rockcastle	175.4
Nicholas	171.0
Ballard	168.4
Todd	167.3

County	Rate
Owen	165.1
Adair	164.4
Taylor	163.0
Calloway	156.0
Carlisle	153.1
Morgan	152.4
Menifee	151.9
Trimble	151.8
Boone	147.8
Edmonson	144.6
Butler	143.1
Metcalfe	137.6
Estill	133.7
Trigg	131.6
Laurel	131.1
Fulton	126.8
Christian	122.5
Pulaski	122.5
Bath	122.3
Campbell	120.4
Kenton	120.4
Casey	119.3
Crittenden	116.8
Hart	114.1
Montgomery	113.1
Lincoln	111.1
Grant	107.1
Hickman	104.4
McCreary	92.9
Wayne	79.4

Current Overall Incidence Rate
215.95 per 100k population

The average daily incidence rates are calculated using the number of cases with an investigation start date in the previous seven days and a specimen collection date or onset date less than 14 days prior to the investigation start date. Populations used for the rate calculation are the 2019 estimates from the US Census Bureau.